

Lee County CTP – Corridors Analyzed for Safety

At our June 8th meeting, we looked at a map showing intersections with 5 or more crashes in the 3-year period from 2003-2005. From that map, corridors were identified for safety analysis. That analysis, called a “Strip Analysis” using TEAAS software, generates the crash rate for the corridor.

The most recent published statewide crash rates are 2001-2003. 2003 traffic volumes were used as input into the strip analysis for a consistent comparison.

Crash rates are per 100 million vehicle miles of travel.

Strip Analysis Results

Roadway Section	Crash Rate	Higher than State Average?
<i><u>Primary Routes, Statewide Crash Rate = 183.09</u></i>		
US 1 – SR 1179 (Rocky Fork Church Rd) to Sanford southern city limits	122.77	No
US 1 – Sanford southern city limits to Sanford northern city limits	75.48	No
US 421 – US 1 to Washington Ave	322.48	Yes
US 421 – Washington Ave to SR 1529 (Cox Mill Rd)	522.79	Yes
NC 42 – US 421 to SR 1529 (Cox Mill Rd)	143.69	No
NC 78 – US 1 to US 421	451.21	Yes
Carthage St (US 1 Bus) – Wicker St to Hawkins Ave	1376.38	Yes
<i><u>Secondary Routes, Statewide Crash Rate = 376.00</u></i>		
Seventh St – Charlotte Ave to Bragg St	490.16	Yes
Charlotte Ave – Hawkins Ave to Seventh St	1609.88	Yes

So thus far, we have identified US 421, NC 78, Seventh St, Carthage St, and Charlotte Ave as statistical safety concerns.

Looking at the new maps today, are there any other roads you would like to have analyzed?